

South Florida Water Management District
Ecological Technologies Division
MONTHLY PROGRESS REPORT

Note: this report is prepared for progress monitoring purposes only; for additional information contact: Dr. Jennifer Jorge, (561) 682-6980

Report Date: April 2, 2002	Reporting Period: March 1 – 31, 2002
Project: Ecological Technologies Division	
Description: The research sites are located within Stormwater Treatment Areas (STA) 1W, STA 2, STA 5, and STA 6. In addition, there is a 20 acre PSTA research site located west of STA-2, and several small scale testing has occurred at various urban basins that discharge into The Everglades.	
Project Progress Summary of Work Performed this Period:	
ADVANCED TREATMENT TECHNOLOGIES (ATTs):	
SAV (Submerged Aquatic Vegetation):	
<ol style="list-style-type: none"> 1. Completed SAV technical review meeting of final report. 2. Reviewing Draft final report. 3. Submitting RFP/SOW for continuation of STA-1W Cell 5 SAV vegetation monitoring. 	
PSTA (Periphyton Stormwater Treatment Area):	
<ol style="list-style-type: none"> 1. Completed two of four dye tracers for the PSTA field scale. 	
CTSS (Chemical Treatment/Solids Separation):	
<ol style="list-style-type: none"> 1. Working with Village of Wellington on cooperative agreement to site the Chemical Treatment 400 gpm field scale. 	
STA OPTIMIZATION:	
<ol style="list-style-type: none"> 1. Winter vegetation sampling for Contract C-12276 in STA-1W has been completed. Plant and sediment samples are being analyzed by the contractor, DB Environmental Laboratories, Inc. Summer sampling is scheduled to begin in June 2002. 	
STA SITE MANAGEMENT:	
<ol style="list-style-type: none"> 1. All STAs are in water conservation mode as specified in the Operations Plans for dry season operations. Water levels at STA-6 are falling, but treatment cell depths at the other STAs are very favorable. The need for supplemental water for any STA is NOT anticipated during this dry season. 2. We received the final report for the proof-of-concept SAV remote-sensing project from the contractor. No decision has been made on whether we will conduct a follow-up study to evaluate using this technology to map the extent of SAV beds in the STAs. 3. ETD continues to coordinate the District's effort to identify appropriate recreational uses of the STAs in accordance with the EFA. This is a comprehensive interdepartmental and interagency effort. We anticipate making our final recommendations on public use of the STAs to the Governing Board sometime this summer. 	
Controlling Items of Work for the Period:	
Milestone/Activity Description	Location/Estimated Completion Date
See above	See above
Project Managers/Engineers Comments:	
N/A	
Signature: Jennifer Jorge, Ph.D.	Date: April 2, 2002